

TOP SECRET

6 November 1979

MEMORANDUM FOR THE RECORD

SUBJECT: ICRS Briefing

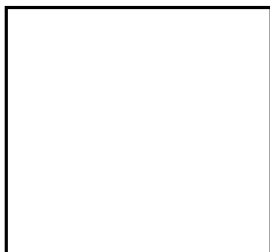
1. General

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On Thursday 11 October 1979, [redacted] (CTS/PTO/ICRS, black [redacted] briefed the DASITT on ICRS. DASITT members present were:



IRO
IRO
IRO
DIA
CIA
BDM
BDM

All members were notified by telephone in advance of the meeting.

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The briefing on ICRS (the Imagery Collection Requirements Subcommittee of COMIREX) covered aspects of ICRS organization, responsibilities, and functions. Much of the substance of the briefing is contained in the briefing slides. [redacted] will reproduce the slides and send a copy to the DASITT. This memorandum will not attempt to duplicate the slides but will discuss several points brought out in the briefing.

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[redacted] role in ICRS is long range development and planning. He is particularly concerned with CPAT-II for 1985. [redacted]

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2. Responsibilities

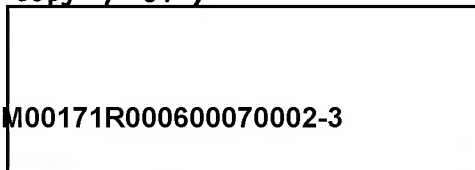
The responsibilities of ICRS includes:

- Collection Requirements
 - Day-to-day
 - Long Range development and planning

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SUBJECT: ICRS Briefing

- Operational Planning
- On-Orbit guidance
- CAMS
- Reporting
- Mission results and analysis
- Other. ☐

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3. Volume

ICRS is typically working with:

- 3 or 4 new time-dominated collection requirements per day.
- 30 or 40 new non-time-dominated collection requirements per day. ☐

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4. Timeliness

For a new standing (routine) collection requirement there is now a delay of 38 to 40 hours between entry of a collection requirement in CAMS and completion of a new validated collection entry in CPAT. The delay is due to procedures and computer processing time. The CAMS-CPAT interface is now electronic, disk to disk. ☐

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5. Search vs. Surveillance

ICRS is concerned with two broad types of photo coverage. Search is area coverage without specific targets. Surveillance is concerned with point targets. ☐

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6. Search

Area search, based on groups of 12 by 18 nm areas of the earth, presents several problems for ICRS. One problem concerns communicating area search requirements to NPIC. NPIC is getting the search job done, but the procedures for communicating a search requirement to NPIC are fuzzy.

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Another problem connected with search concerns mapping, charting, and geodesy (MC & G) which is primarily the responsibility of the Defense Mapping Agency (DMA). ☐

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7. Surveillance

Surveillance is working well since it is easy to deal with point targets, typically installations, which have aiming points. Each point target is identified by [REDACTED] (machine record number). Targets are grouped into problem oriented sets (POS). The POS concept recognizes that one doesn't need all the targets in a POS for good intelligence. A single target can be in several POS's.

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8. Future Issues

Several areas which will interest ICRS over the next few years were discussed. These include:

- Growth of collection requirements in 3rd World Countries
- Contingency target sets (e.g. for SAC)
- National/Tactical Interface
- Special Problem Set Collection Strategy.

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6 November 1979

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MEMORANDUM FOR

[redacted]
Chairman/DASITT

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FROM:

SUBJECT:

Narrowing the Imagery ADP-T Support Scenario [redacted]

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I am becoming more convinced that the number of viable scenarios, worth consideration and evaluation, and thus perhaps leading to a recommended resource plan, has been reduced to three. Each of these has slight variations which could be considered an alternative scenario if this be desired or necessary. The scenarios are:

A. Baseline Program Managers Plans. Essentially this scenario accepts that ADP-T Systems are mission integral to the imagery processing activities of the organizational element. No significant change in either ADP-T functionality or organizational prerogatives is suggested. The ADP-T budgets and plans are determined to be generally reasonable in anticipation of the proposed imagery mix and user needs as set forth by the program managers. Major task team activity in this scenario is to determine/evaluate the ADP-T resource proposals by these program managers in terms of adequacy to support the mission and functions which these organizations perceive and to recommend more/less when resource plans seems considerably (ie > 20%) out of line. This scenario also results in recommendations which encourage HW/SW commonality, and interconnectivity of these systems to improve the "CAT" of the data and increases the information flow among the systems. [redacted]

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B. Primary Function Rules - Secondary Functions are Eliminated
This scenario divides the world of imagery processing into 5 major functions IC wide and recommends the establishment of 5 or more (because of overseas) interconnected systems with executive management assigned to the various organizational elements to provide this support to all other organizational elements with like function. These functions are: [redacted]

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1. Collection Management and Image Distribution
2. Exploitation Management and Report Distribution
3. Imagery Analyst Support including Mensuration
4. All-Source Analyst Support - Imagery Subset
5. Tactical/Overseas Support - (self contained subset of all Imagery Processing function)

The scenario follows the above premise with:

CAMS	for	1
AIRES	for	2
NDS	for	3

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SUBJECT: Narrowing the Imagery ADP-T Support Scenario

SAFE for 4 (supported by AIRES, NDS,
CAMS)

PACER CADIS for 5

A major variation could provide for CAMS and AIRES (planned redundancy) handling both functions 1 and 2 (to provide backup and perhaps minimize additional "T" costs) and to require that CAMS and AIRES become mutually involved in all forms of A/C & Satellite imagery collection systems capable of collecting imagery over denied areas greater than 100 nm (TBR) from friendly borders. Both of these systems would contain extensive Historical Area Coverage and Historical target coverage data, last three (TBR) readouts of all PI reports. Cloud coverage and NIIRS Data will be maintained in these systems as provided by IA exploitation organizations or automated systems available to collection and/or exploitation management group. ☐

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PI organizations requiring any form of "major" (TBD, but perhaps greater than 500k yearly) ADP Support would be required to use either NDS or CADIS. All reports electrically disseminated would be transmitted to both NDS and AIRES and "profiled" to CADIS Systems and end-users by either AIRES for DOD U & S commands and DIA analysts or NDS for military departments (USAF, Army, Navy, NSA) and civilian elements of the IC. Until the SAFE (DIA/CIA) imagery subset has been formalized, analysts would have their choice of AIRES, CAMS, and NDS for query access. ☐

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C. Eliminate CAMS

This will not be a popular proposal, but facts are facts. As the newest ADP system, supporting the most limited using community, the CAMS functions can be most easily and cost-effectively given to AIRES or NDS or both. If this option is viable, I suggest that the functions move to AIRES with NDS perhaps supporting any mandatory collection tasking functions in a BACK-UP mode (in case AIRES is not available for a period of "x" hours/days). An alternative to this proposal would be to require that SAC PACER (IDHS-80) proved the functional back-up for this activity. Note that in this proposal I am not suggesting the elimination of the COMIREX (ICRS/EXSUBCOM) functions, but rather the movement of these functions to AIRES. DIA with its responsibility for EEI on targets and the Area Coverage File has much/all of the data needed. And it (AIRES) may in fact support the largest volume of collection/exploitation requirements through IROF/IROL processing anyway. It also "manages" other imagery collection systems not currently part of CAMS. Since I am suggesting a major

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increase in AIRES' load with this proposal, I would have NDS support the DIA PI component(s) or as an alternative allow them to get a couple CADIS's.

I recommend a DASITT meeting to discuss these proposals.

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CIA DASITT Member

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